Index of Claims

| Application/Control No | laaA | ication | /Control | No. |
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Michael J. Simitoski

09/653,966

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Examiner

SALMONSEN ET AL.
Art Unit

Applicant(s)/Patent under Reexamination

Examiner

2134

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| Cla          | Claim Da                               |                                       |                 |          |              | ate                                              | <del>)</del> |          | _                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | _        |
|--------------|----------------------------------------|---------------------------------------|-----------------|----------|--------------|--------------------------------------------------|--------------|----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| Final        | Original                               | 12/12/05                              |                 |          |              |                                                  |              |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |
|              | 1                                      | 77777                                 | $\neg \uparrow$ |          |              | $\neg$                                           |              |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |
|              | 2                                      | V                                     |                 |          |              |                                                  |              |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |
|              | 1 2 3                                  | V                                     |                 |          |              |                                                  |              |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |
|              | 4                                      | 1                                     |                 |          |              |                                                  |              |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |
|              | 4<br>5                                 | 1                                     |                 |          |              |                                                  |              |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |
|              | 6<br>7                                 | 1                                     |                 |          |              |                                                  |              |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |
|              | 7                                      | <b>6</b>                              |                 |          |              |                                                  |              |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |
|              | 8                                      | 1                                     |                 |          |              |                                                  |              |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |
|              | 9                                      | 1                                     |                 |          |              |                                                  |              |          | _                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |          |
|              | 10                                     | 1                                     |                 | _        |              |                                                  |              |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |
| L            | 11                                     | Ų                                     |                 | _        |              |                                                  |              |          | L                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |          |
| ļ            | 12                                     | M                                     |                 |          |              | $\square$                                        |              |          | <u> </u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <u> </u> |
| <u> </u>     | 13                                     | 1                                     | $\Box$          | _        |              | $\square$                                        |              |          | _                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <u> </u> |
|              | 11<br>12<br>13<br>14<br>15<br>16<br>17 | 77777077                              | Ш               |          |              |                                                  |              |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <u> </u> |
|              | 15                                     | 7                                     | -               | _        |              |                                                  |              |          | ⊢                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | _        |
|              | 16                                     | 9                                     | -               |          |              | Н                                                |              |          | ┝                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | _        |
|              | 17                                     | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | $\vdash$        | _        |              | -                                                |              |          | ┝                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | _        |
|              | 18<br>19                               |                                       | -               | _        | $\vdash$     |                                                  |              |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | _        |
|              | 20                                     | 1                                     | -               | -        | _            | _                                                | $\vdash$     | _        | ┝                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |          |
|              | 21                                     | 0                                     |                 |          | _            | -                                                | _            | $\vdash$ | _                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | -        |
|              | 22                                     | 7                                     | Н               | _        | _            | Н                                                | _            |          | _                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | -        |
| -            | 23                                     | 7                                     | Н               | _        | _            | Н                                                | _            |          | <del>                                     </del>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |          |
|              | 23<br>24                               | Ī                                     |                 |          |              |                                                  |              |          | $\vdash$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |          |
|              | 25                                     | =                                     |                 |          |              |                                                  |              |          | Г                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |          |
|              | 26                                     | =                                     |                 |          |              |                                                  |              |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Г        |
|              | 27                                     |                                       |                 |          |              |                                                  |              |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |
|              | 26<br>27<br>28                         |                                       |                 |          |              |                                                  |              |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |
|              | 29<br>30                               |                                       |                 |          |              |                                                  |              |          | L                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |          |
|              | 30                                     | L                                     |                 |          | _            |                                                  |              | _        | L.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <u>_</u> |
| <u> </u>     | 31<br>32<br>33                         | <u> </u>                              | $oxed{oxed}$    |          | <u> </u>     |                                                  |              | ļ        | <u> </u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |          |
|              | 32                                     | _                                     |                 |          |              | $\vdash$                                         | <u> </u>     | <u> </u> | _                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | _        |
| <u> </u>     | 33                                     | <u> </u>                              | $\vdash$        | <u> </u> | ⊢-           | <del>   </del>                                   | <u> </u>     | ├        | <u> </u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <u> </u> |
|              | 34<br>35                               | <del> </del>                          | -               | <u> </u> | <del> </del> | -                                                | ⊢            | -        | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | -        |
| <b> </b>     | 35                                     | ⊢                                     |                 | $\vdash$ | $\vdash$     | <del> </del>                                     | $\vdash$     | -        | ├                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | $\vdash$ |
| <del> </del> | 36<br>37                               | +-                                    | $\vdash$        |          | -            | -                                                | $\vdash$     | $\vdash$ | +                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | $\vdash$ |
| <b>-</b>     | 38                                     | ┢                                     | $\vdash$        | -        | $\vdash$     | $\vdash$                                         | $\vdash$     | $\vdash$ | $\vdash$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | $\vdash$ |
| <u> </u>     | 39                                     | $\vdash$                              | Η-              | -        | _            |                                                  | $\vdash$     | -        | $\vdash$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | H        |
|              | 40                                     | 1                                     | $\vdash$        | -        |              | H                                                | -            | $\vdash$ | T                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |          |
|              | 41                                     | Т                                     |                 |          | <u> </u>     | <del>                                     </del> | <u> </u>     |          | T                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <u> </u> |
| <u> </u>     | 42                                     | T                                     | Г               | Γ        | Γ            |                                                  | T            | Г        | Π                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | $I^-$    |
|              | 43                                     |                                       | Г               |          |              |                                                  |              |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Ĺ        |
|              | 44                                     |                                       |                 |          |              |                                                  |              |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |
|              | 45                                     |                                       |                 |          |              |                                                  |              |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |
|              | 46                                     |                                       | 匚               |          |              |                                                  | 匚            |          | 匚                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 匚        |
|              | 47                                     |                                       | 匚               |          |              |                                                  |              |          | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{ol}}}}}}}}}}}}}}}}}}$ | <u> </u> |
|              | 48                                     | ļ                                     | <u> </u>        |          | L            | L                                                | _            | <u> </u> | _                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |          |
| L            | 49                                     | ↓_                                    | <u> </u>        |          | <u> </u>     | <u> </u>                                         | L_           | ↓        | $\perp$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <u> </u> |
| 1            | 50                                     | 1                                     |                 | Ī        |              |                                                  | l            | 1        | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 1        |

| Cla      | ıim            |                                                  |                                                  |                                                  |                                                  | ate                                              | ,                                                |          |                                                  |                                                  |
|----------|----------------|--------------------------------------------------|--------------------------------------------------|--------------------------------------------------|--------------------------------------------------|--------------------------------------------------|--------------------------------------------------|----------|--------------------------------------------------|--------------------------------------------------|
|          |                | $\neg$                                           |                                                  |                                                  | Ţ                                                |                                                  |                                                  |          |                                                  |                                                  |
| Final    | Original       |                                                  |                                                  |                                                  |                                                  |                                                  |                                                  |          |                                                  |                                                  |
|          | 51             |                                                  |                                                  |                                                  |                                                  |                                                  |                                                  | $\Box$   |                                                  |                                                  |
|          | 52             |                                                  |                                                  | 乛                                                |                                                  | $\neg$                                           | T                                                |          |                                                  |                                                  |
|          | 53             | T                                                |                                                  | $\neg \uparrow$                                  |                                                  |                                                  |                                                  |          |                                                  |                                                  |
|          | 54             | $\neg$                                           | $\neg$                                           | ┪                                                |                                                  |                                                  | $\neg$                                           | 寸        |                                                  |                                                  |
|          | 55             | $\neg$                                           | ヿ                                                |                                                  |                                                  | 一                                                |                                                  |          | $\neg$                                           |                                                  |
|          | 56             |                                                  |                                                  |                                                  |                                                  | ヿ                                                | ヿ                                                | 寸        |                                                  |                                                  |
|          | 57             |                                                  |                                                  |                                                  |                                                  | $\neg$                                           | 寸                                                | _        |                                                  |                                                  |
|          | 58             |                                                  | $\neg$                                           | $\neg$                                           | $\neg$                                           | $\neg$                                           | $\neg$                                           |          | ヿ                                                |                                                  |
|          | 59             |                                                  |                                                  |                                                  | $\neg$                                           |                                                  |                                                  |          | ヿ                                                |                                                  |
| <b>—</b> | 60             |                                                  |                                                  |                                                  | $\neg$                                           |                                                  | $\neg$                                           |          | 一                                                |                                                  |
|          | 61             | ╗                                                | $\neg$                                           |                                                  |                                                  |                                                  |                                                  |          |                                                  |                                                  |
|          | 62             | ┪                                                | _                                                |                                                  |                                                  |                                                  |                                                  |          |                                                  |                                                  |
| -        | 63             | $\neg$                                           |                                                  |                                                  | $\neg \neg$                                      |                                                  | _                                                |          | $\neg$                                           | _                                                |
| <u> </u> | 64             | $\neg$                                           | $\neg$                                           |                                                  |                                                  |                                                  |                                                  |          |                                                  |                                                  |
|          | 65             |                                                  |                                                  |                                                  |                                                  |                                                  | $\dashv$                                         | $\dashv$ |                                                  |                                                  |
|          | 66             |                                                  |                                                  | $\neg$                                           | _                                                |                                                  | $\neg$                                           | ヿ        | $\neg$                                           |                                                  |
|          | 66<br>67       |                                                  |                                                  | _                                                | $\neg$                                           |                                                  | $\neg$                                           |          |                                                  |                                                  |
|          | 68             |                                                  |                                                  | Н                                                |                                                  |                                                  |                                                  | $\neg$   | T                                                |                                                  |
|          | 69             |                                                  |                                                  | Н                                                |                                                  | $\neg$                                           | $\neg$                                           | $\neg$   | $\neg$                                           | _                                                |
|          | 70             | _                                                |                                                  | -                                                |                                                  |                                                  |                                                  | $\neg$   |                                                  |                                                  |
| <u> </u> |                | _                                                |                                                  |                                                  |                                                  |                                                  |                                                  |          | $\neg$                                           |                                                  |
|          | 72             | $\dashv$                                         | $\vdash$                                         | -                                                |                                                  |                                                  | -                                                |          |                                                  |                                                  |
| -        | 71<br>72<br>73 | _                                                |                                                  | $\vdash$                                         |                                                  | -                                                | -                                                |          |                                                  | _                                                |
| <b>—</b> | 74             | _                                                |                                                  | $\vdash$                                         | _                                                |                                                  |                                                  |          |                                                  |                                                  |
| $\vdash$ | 74<br>75       |                                                  | -                                                | _                                                |                                                  | _                                                |                                                  | $\neg$   |                                                  |                                                  |
| <b></b>  | 76             |                                                  |                                                  | Н                                                |                                                  | Н                                                |                                                  |          |                                                  |                                                  |
| <u> </u> | 77             |                                                  | -                                                | -                                                |                                                  |                                                  |                                                  |          |                                                  |                                                  |
|          | 78             |                                                  |                                                  | Н                                                |                                                  |                                                  |                                                  |          | $\neg$                                           | _                                                |
|          | 79             |                                                  | _                                                | Н                                                |                                                  | _                                                |                                                  | $\neg$   |                                                  |                                                  |
| $\vdash$ | 80             |                                                  | $\vdash$                                         | -                                                |                                                  |                                                  | Н                                                | Н        | _                                                |                                                  |
| _        | 81             | _                                                | -                                                | -                                                | _                                                |                                                  |                                                  |          |                                                  |                                                  |
|          | 82             |                                                  |                                                  | ┝                                                |                                                  | $\vdash$                                         |                                                  |          |                                                  | _                                                |
| _        | 83             | -                                                | $\vdash$                                         | -                                                | -                                                | $\vdash$                                         |                                                  | -        | $\vdash$                                         | _                                                |
| $\vdash$ | 84             | -                                                | $\vdash$                                         | -                                                | -                                                |                                                  |                                                  |          | Н                                                |                                                  |
|          | 85             | Н                                                | -                                                | H                                                | ├─                                               | $\vdash$                                         | _                                                | $\vdash$ | -                                                | _                                                |
| -        | 86             | -                                                | -                                                | $\vdash$                                         | ├                                                | -                                                |                                                  | -        | Н                                                | $\vdash$                                         |
| -        | 87             | <del>                                     </del> | -                                                | $\vdash$                                         | -                                                | -                                                | $\vdash$                                         | $\vdash$ |                                                  | $\vdash$                                         |
|          | 88             | $\vdash$                                         | <del>                                     </del> | $\vdash$                                         | Ι                                                | $\vdash$                                         | $\vdash$                                         | Н        | Н                                                | _                                                |
|          | 89             | <u> </u>                                         | ┢                                                | Ι-                                               |                                                  | $\vdash$                                         | $\vdash$                                         | Н        | $\vdash$                                         | Т                                                |
| -        | 90             | Ι                                                | $\vdash$                                         | <del>                                     </del> | $\vdash$                                         | ┪                                                | Н                                                | $\vdash$ | $\vdash$                                         | -                                                |
|          | 91             | <u> </u>                                         |                                                  | -                                                |                                                  |                                                  | <del>                                     </del> | $\vdash$ |                                                  |                                                  |
| <u> </u> | 92             |                                                  | -                                                | -                                                | $\vdash$                                         | ┪                                                | $\vdash$                                         | -        | $\vdash$                                         | $\vdash$                                         |
| <u> </u> | 93             | $\vdash$                                         | $\vdash$                                         | $\vdash$                                         | -                                                | $t^-$                                            | $\vdash$                                         | $\vdash$ | $\vdash$                                         | $\vdash$                                         |
| $\vdash$ | 94             | $\vdash$                                         | $\vdash$                                         | $\vdash$                                         | <del>                                     </del> | $\vdash$                                         | $\vdash$                                         | $\vdash$ | Н                                                | Н                                                |
|          | 95             | $\vdash$                                         | -                                                | $\vdash$                                         | $\vdash$                                         | $\vdash$                                         | _                                                | t        | Н                                                |                                                  |
| -        | 96             | -                                                | $\vdash$                                         | $\vdash$                                         | $\vdash$                                         | -                                                | <del>                                     </del> |          | <u> </u>                                         | <del>                                     </del> |
| -        | 97             | $\vdash$                                         | $\vdash$                                         | $\vdash$                                         | $\vdash$                                         | <del>                                     </del> | $\vdash$                                         | 一        | <del>                                     </del> | Н                                                |
| $\vdash$ | 98             | $\vdash$                                         | -                                                | $\vdash$                                         | <del>                                     </del> | $\vdash$                                         | $\vdash$                                         |          | $\vdash$                                         | H                                                |
|          | 99             | -                                                | $\vdash$                                         | $\vdash$                                         | $\vdash$                                         | $\vdash$                                         | <del>                                     </del> | $\vdash$ | _                                                | $\vdash$                                         |
| 1        | 1 77           |                                                  |                                                  |                                                  |                                                  |                                                  |                                                  |          |                                                  |                                                  |

100

| CI       | aim                                                         | Date     |              |               |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |            |          |          |          |
|----------|-------------------------------------------------------------|----------|--------------|---------------|----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|----------|----------|----------|
| CI       | all 11                                                      | $\neg$   | _            | $\neg$        |          | Jace                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | ;<br>      |          |          | $\dashv$ |
| Final    | Original                                                    |          |              |               |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |            |          |          |          |
|          | 101<br>102<br>103<br>104<br>105<br>106                      |          |              |               |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |            |          |          |          |
|          | 102                                                         |          |              | -             | _        | _                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |            |          | -        | $\dashv$ |
|          | 103                                                         |          |              | $\vdash$      | _        | Н                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |            |          | -        |          |
|          | 104                                                         | Н        |              |               |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |            |          | $\dashv$ |          |
|          | 105                                                         | _        | _            |               |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |            |          |          | $\dashv$ |
|          | 107                                                         |          | _            |               |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | -          | _        | -        |          |
|          | 107                                                         |          |              |               |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | -          |          |          | ⊣        |
|          | 100                                                         |          |              | _             | -        | _                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | -          |          | -        | $\dashv$ |
|          | 108<br>109<br>110                                           |          |              | $\vdash$      |          | $\vdash$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | -          |          |          | $\dashv$ |
|          | 111                                                         |          |              | _             |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |            |          |          | $\dashv$ |
|          | 112                                                         |          |              |               | Т        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |            | _        |          | ┪        |
|          | 113                                                         |          |              |               |          | Г                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |            |          |          | $\neg$   |
|          | 114                                                         |          |              |               |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |            |          |          |          |
|          | 111<br>112<br>113<br>114<br>115                             |          |              |               |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |            |          |          |          |
|          | 116                                                         |          |              |               |          | $ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ld}}}}}}$ | _          |          |          |          |
|          | 116<br>117<br>118                                           | <u> </u> | _            | L             | _        | L                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |            |          | _        |          |
|          | 118                                                         | <u> </u> | ļ            |               | _        | _                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | _          | l-       | <u> </u> |          |
|          | 119<br>120                                                  | -        |              | <u> </u>      | <u> </u> | }—                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | _          | -        | -        |          |
|          | 120                                                         | -        | ┝            | -             | -        | ├-                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | _          | -        | -        | -        |
|          | 122                                                         | ┢        | $\vdash$     |               |          | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | _          | $\vdash$ | H        | $\dashv$ |
|          | 123                                                         | -        | $\vdash$     | ┢┈            |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |            | -        |          | $\neg$   |
|          | 124                                                         |          | $\vdash$     | ┢             |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |            | $\vdash$ |          |          |
|          | 121<br>122<br>123<br>124<br>125<br>126<br>127<br>128<br>129 |          | _            | $\overline{}$ |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |            |          |          |          |
|          | 126                                                         |          |              |               |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |            |          |          |          |
|          | 127                                                         |          | _            | _             | <u> </u> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | L          | <u> </u> | L.       |          |
|          | 128                                                         | L        |              | _             | _        | <u> </u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | lacksquare | <u> </u> | <u> </u> | Щ        |
| <u> </u> | 129                                                         | L        |              |               | <u> </u> | <u> </u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <u> </u>   | _        | _        | -        |
|          | 130                                                         | <u> </u> | _            |               | ⊢        | ├                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | ⊢          | ┝        | -        | $\vdash$ |
|          | 130<br>131<br>132<br>133<br>134                             | ├        | $\vdash$     | -             | ⊢        | ┢                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | ⊢          | ├─       | -        |          |
| <u> </u> | 132                                                         | ┢        |              | -             | $\vdash$ | ┢╌                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | -          | ├        | ├─       | Н        |
|          | 134                                                         | ╁        | -            |               | $\vdash$ | $\vdash$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | ╁          | _        | ┢        | -        |
| <b>-</b> | 135                                                         |          | ┢            | $\vdash$      | t        | T                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Г          |          | 1        |          |
| -        | 135<br>136                                                  | t        |              |               |          | $\vdash$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Г          | П        | Г        |          |
|          | 137                                                         |          |              |               |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |            |          |          |          |
|          | 138<br>139                                                  |          |              |               | _        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |            | L        | <u> </u> |          |
|          | 139                                                         | <u> </u> | $oxed{oxed}$ | <u> </u>      | L        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <u> </u>   | <u> </u> | ┞.       | _        |
| <u> </u> | 140                                                         | ┞-       | ↓_           | lacksquare    | ┞        | ┞                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <u> </u>   | ┞-       |          | _        |
| <u> </u> | 141                                                         | ┞        | $\vdash$     |               | ⊢        | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | -          | -        | ├        | $\vdash$ |
|          | 142                                                         | -        | ╁            | ┢             | -        | ╁                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | ╁╾         | $\vdash$ | ╀        | ├        |
| -        | 144                                                         | $\vdash$ | +-           | ╁             | +        | ╁                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | +-         | $\vdash$ | $\vdash$ | ┢        |
|          | 145                                                         | $\vdash$ | _            | t             | T        | +                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | †-         | 一        | $\vdash$ | $\vdash$ |
| <u> </u> | 146                                                         | 1        | $\vdash$     | T             | t        | T                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | T          | T        | Η        | T        |
|          | 147                                                         |          |              | Г             |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |            |          |          |          |
|          | 148                                                         |          |              |               |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |            |          |          |          |
|          | 149                                                         |          |              | L             | L        | L                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | L          | L        | ļ_       | <u> </u> |
| L        | 150                                                         |          | <u> </u>     |               | $\perp$  | L                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <u>l</u>   |          | 1        | <u></u>  |